

**S U M M A R Y**

The invention relates to a method for joining the functional parts of hydraulic or pneumatic operating devices, such as  
5 hydraulic props and rams for underground mining, with a first part exhibiting an external wall section and a second part exhibiting an internal wall section, which are joined together with mutually overlapping wall sections and in this region are connected together, as well as the joining connection for  
10 corresponding functional parts. In accordance with the invention both wall sections comprise a depression, which in the connected state form a cavity that is filled with a fluid casting compound of plastic, which after its hardening or solidification connects the two parts together by means of a  
15 positive form fit. Since the depressions in the functional parts, preferably made of metal, are filled by the casting compound solidified to a secure locking body, this locking body, which penetrates into the cavities to provide a positive form fit, prevents relative displacements between the two  
20 functional parts. At the same time the casting compound hardened in the cavity provides the sealing of the separating gap clearance between the wall sections of the two functional parts.